



**NORTH REGION**  
**LANDSCAPE ARCHITECTURE ASSESSMENT SHEET**  
03-LAND-0002 (Rev. 3/03)

<b>TO: Charlie Olson</b> <b>FROM: James Williamson</b> <b>Unit/Senior TE Name: 343 / Kenneth Murray</b> <b>Project Manager: Robert Nguyen</b>	<b>CO: Sac</b> <b>DISTRICT: 03</b> <b>DATE: 6/30/2008</b> <b>EA: 03-3C0000</b>	<b>RTE: 005</b>	<b>KP:.</b>	<b>PM:9.7 / 22.5</b>
<b>PROJECT SEPARATION:</b> <input checked="" type="checkbox"/> Landscape as part of roadway work EA <input type="checkbox"/> Landscape under separate EA (Follow-up)	<b>PROJECT:</b> <b>HOV</b>  <b>TYPE:</b> <b>SHOPP</b>  <b>PROJECT MILESTONE: PA&amp;ED</b>			

**PROJECT DESCRIPTION:**

It is proposed to widen the Interstate 5 (I-5) to construct High Occupancy Vehicle (HOV) lanes to reduce congestion from 1.1 miles south of Elk Grove Blvd. to United States 50 (US 50) in Sacramento County. Auxiliary lanes in both directions will be constructed between the Pocket Road and Florin Road Interchanges (IC). Mainline structures will be widened at Land Park UP, Sutterville Road, Gloria Drive OC, South Land Park OC, Beach Lake Bridge and the Rte 5/160 Separation to accommodate the roadway widening. Casilada Pedestrian Over-Crossing (POC) will be replaced to meet the Americans with Disabilities Act (ADA) requirements. New soundwalls are proposed to mitigate freeway noise. The project will be funded through the Measure A Program in the 2012/13 Fiscal Year (FY). Due to minimum social, economic and environmental significance to increase capacity, this project has been assigned Project Development Category 5. Two alternatives were studied for this project. The alternatives are Build and No Build.

<b>AREA FOR HIGHWAY PLANTING:</b>	<u>12 Acres</u>
<b>AREA FOR EROSION CONTROL:</b>	<u>81141 sqyd</u>
<b>PLANT COUNT FOR MITIGATION PLANTING:</b>	<u>  </u>
<b>LANDSCAPE FREEWAY STATUS:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HIGHWAY PLANTING IS:</b>	<input checked="" type="checkbox"/> Warranted <input type="checkbox"/> Not Warranted
<b>SCENIC HIGHWAY STATUS:</b>	<input checked="" type="checkbox"/> Officially Designated <input type="checkbox"/> Eligible
<b>REVEGETATION REQUIRED?</b>	<input checked="" type="checkbox"/> Permit Required <input checked="" type="checkbox"/> Offset of Visual Impact <input type="checkbox"/> Not Designated <input type="checkbox"/> Other (Forest Service, BLM, etc.)
<b>BIOLOGIST CONTACT:</b>	Contacted previously
<b>DATE OF CONTACT:</b>	Contacted previously
<b>REVEG. SPECIALIST CONTACT:</b>	Monica Finn

<b>ADJACENCY TO BILLBOARDS:</b> <input type="checkbox"/> Project area is adjacent to outdoor advertising. <input checked="" type="checkbox"/> Project area is not adjacent to outdoor advertising.
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**WATER AND POWER AVAILABILITY: Water and Power is available at various locations**

**IS THERE (E) IRRIGATION THAT WILL BE IMPACTED BY THIS PROJECT:** ☒ Yes ☐ No

**DESIGN FOR MAINTENANCE SAFETY: Yes**



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**CONTEXT SENSITIVITY:**

- ☒ It is determined that the project will involve consideration of highway aesthetics and will require further evaluations pertaining to specific roadside enhancements.
- ☐ No foreseen issues with highway aesthetics ☐ Other \_\_\_\_\_

**COOPERATIVE MAINTENANCE AGREEMENTS:**

Project may  
Involve additional  
tasks indicated

- ☒ Visual Simulation  
☒ Highway Planting  
☒ Contour Grading

- ☒ Erosion Control  
☒ Field Visit  
☒ Cost Estimate

- ☒ SWPPP/NPDES  
☒ Context Sensitive Solutions/Aesthetics  
☒ Landscape Evaluation

**COST INFORMATION:**

- ☒ Highway Planting, Irrigation, and/or Mitigation  
☒ 3-year Plant Establishment  
☒ Erosion Control  
☐ Slope Protection  
☒ Aesthetic Treatment

\$SEE ATTACHED ESTIMATE  
\$SEE ATTACHED ESTIMATE  
\$SEE ATTACHED ESTIMATE  
\$  
\$SEE ATTACHED ESTIMATE  
TOTAL \$ SEE ATTACHED ESTIMATE

**OTHER RELATED INFORMATION:**

- ☒ Landscape Architecture Resource Estimate: See attachment

**ROADSIDE VEGETATION MANAGEMENT TREATMENT NEEDS:**

- ☒ Extended Gore Areas  
☒ Guardrails and Signs  
☒ Medians  
☒ Road Edge  
☐ Side Slopes/Embankment Slopes

(See: <http://www.dot.ca.gov/hq/LandArch/roadside/index.htm> for potential treatment measures)

PREPARED BY: James Williamson

DATE: 6/30/08

CONCURRED BY: \_\_\_\_\_

DATE: 6/30/08

(Project Manager)

APPROVED BY: Kenneth A. Munn  
(Landscape Architecture or Engineering Services Branch Chief)

DATE: JUNE 30, 2008



**Additional Comments:**

1. Cost for aesthetic treatment are preliminary. Re-evaluation will be required as the designs for the sound walls and retaining walls are finalized.
2. Cost for highway planting and irrigation are preliminary and are figured in relation to the present project scope, June, 2008. Re-evaluation will be required as the design process progresses. Replacement costs will need to be refigured at that time.
3. disturbed areas shall be seeded and/or mulched upon completion of work in that area.
4. Irrigation crossovers will be extended.
5. All Gore Paving and Maintenance Vehicle Pullouts will be constructed as part of the roadway items.
6. Community action groups shall be contacted early in the design process to obtain their input.
7. Separate follow-up Highway Planting project to be split from the parent project when submitting funds request. Separate project will have a 3-year Plant Establishment period.

LANDSCAPE/REVEGETATION/EROSION CONTROL RELATED ITEMS- ESTIMATE OF COST - 5/23/08  
EA 03-3C0000 - Sac 5 HOV

**Assumptions:**

1. Estimate does not include added costs for:
  - a. Temporary erosion control/Water pollution control

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL	COMMENTS
	Plant (Group U)	500	EA	\$110.00	\$55,000	
	Replacement Highway Planting and Irrigation	12.75	Acre	\$100,000.00	\$1,275,000	
	Plant Establishment (3 Years)	LS	LS	\$450,000.00	\$450,000	
	AB for Maintenance Access Path	20935	CY	\$75.00	\$1,570,125	
	Paving for Maintenance Worker Safety	201	CY	\$400.00	\$80,400	
	Soundwall Aesthetics	LS	LS	\$144,000.00	\$144,000	
	Erosion Control	81141	Yd2	\$2.50	\$202,853	
	Tree Removal	500	EA	\$500.00	\$250,000	
	Water Connections	8	EA	\$50,000.00	\$400,000	
<b>STATE FURNISHED MATERIALS</b>						
						<b>SUBTOTAL</b>
					<b>\$4,427,378</b>	<b>SUBTOTAL</b>